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Fig. 1A

Restriction map of plasmid ms23

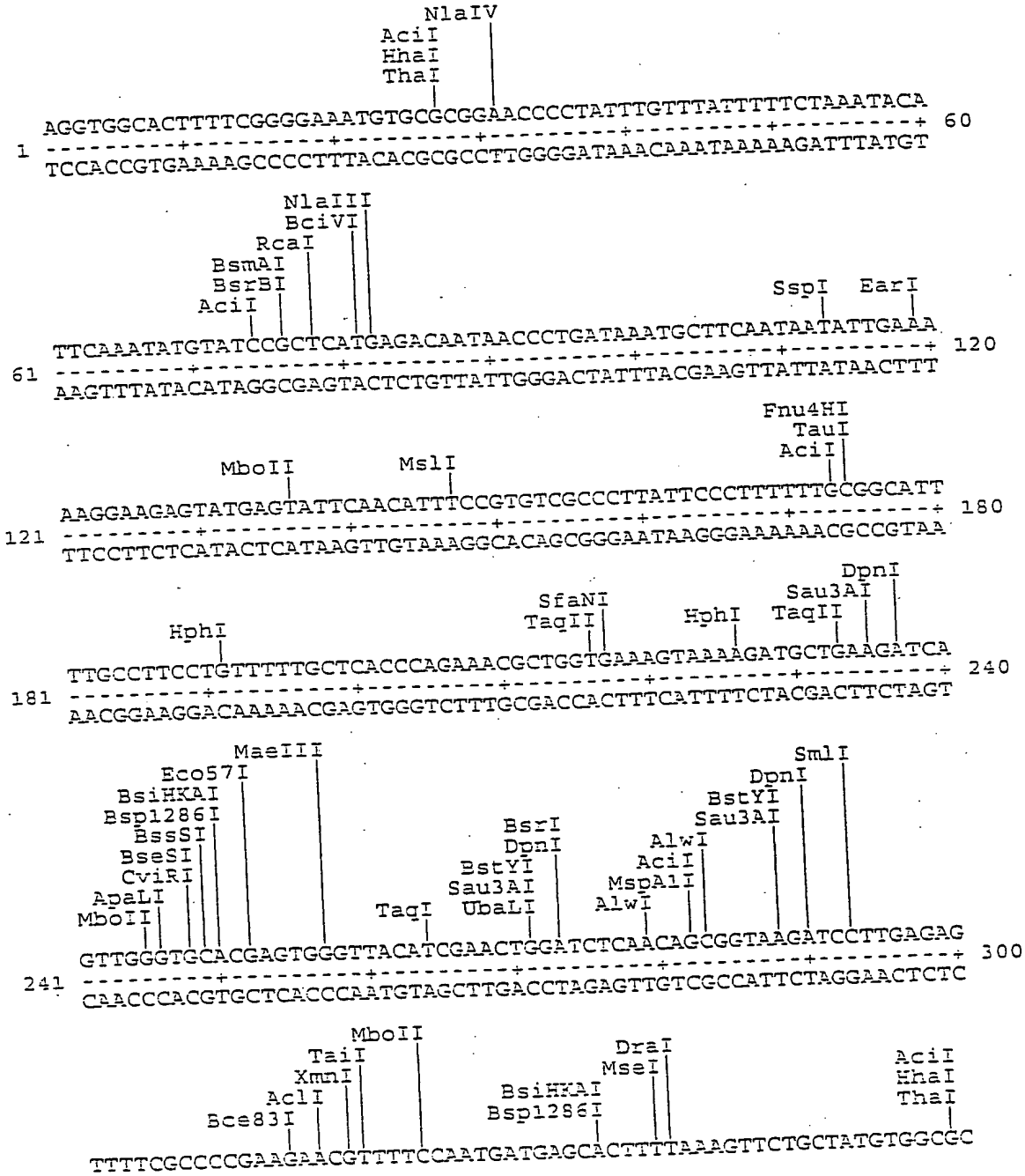

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Fig.1A (cont.)

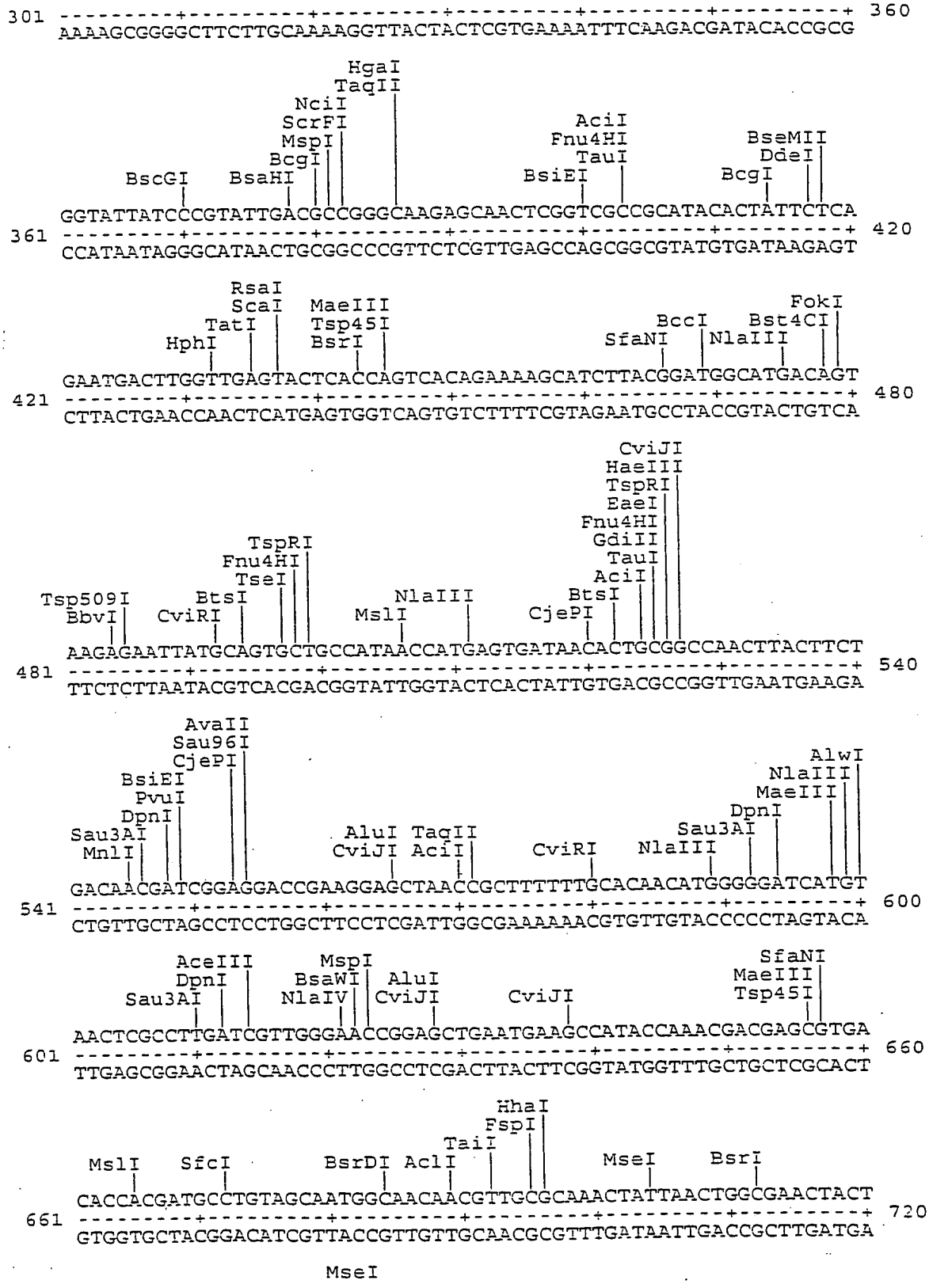

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Fig.1A(cont.)

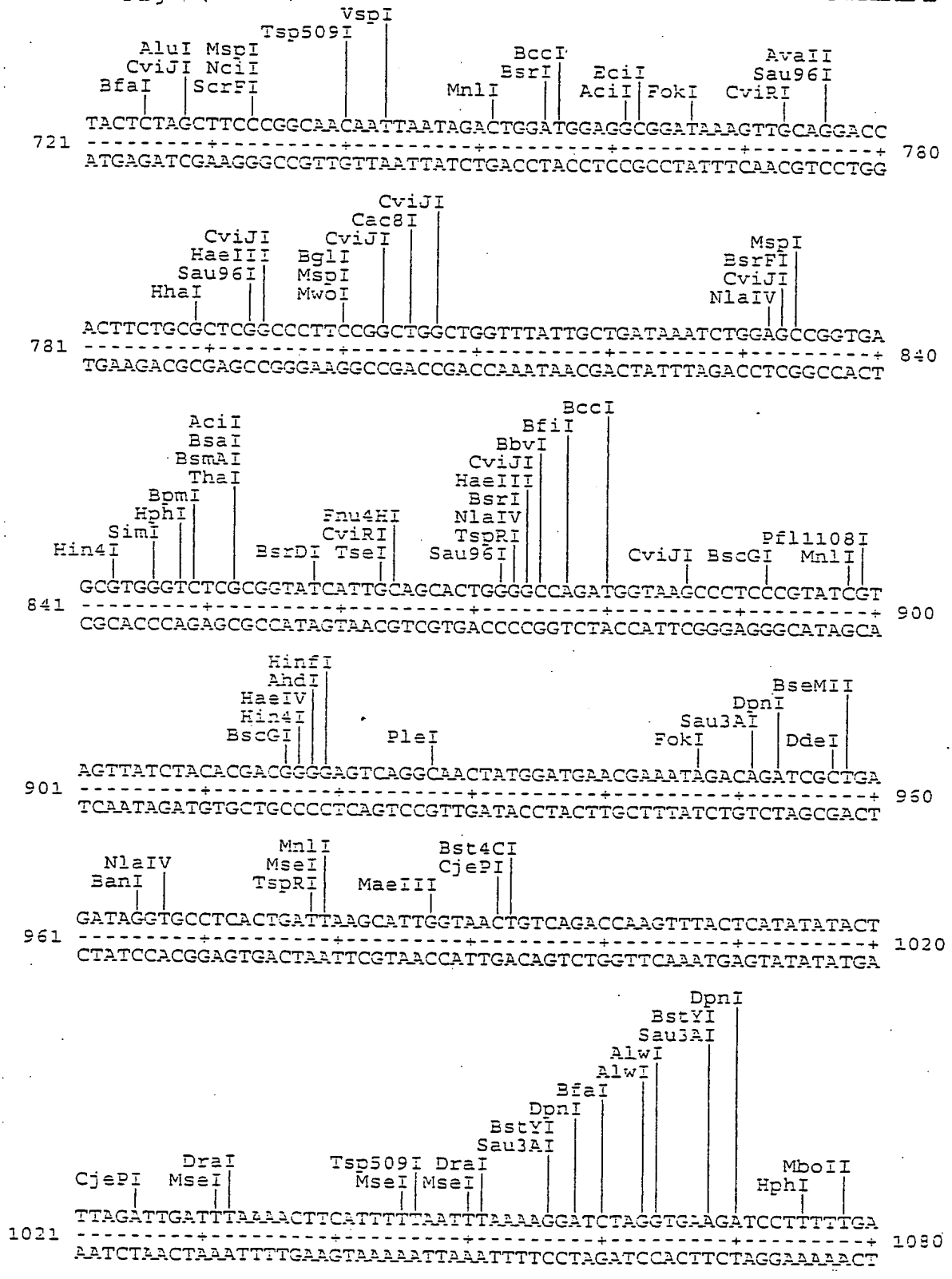

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Fig.1A(cont.)

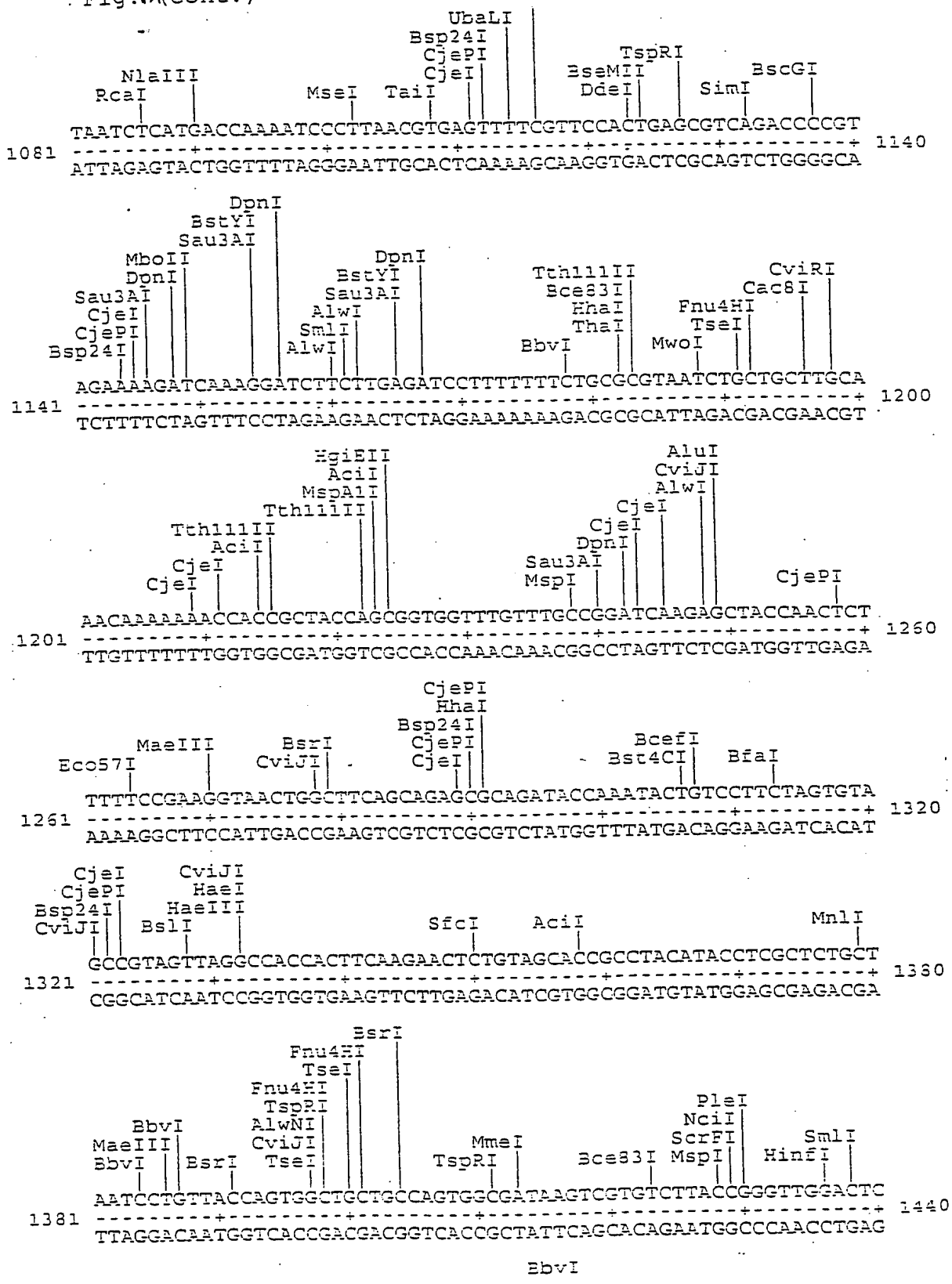

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Fig.1A(cont.)

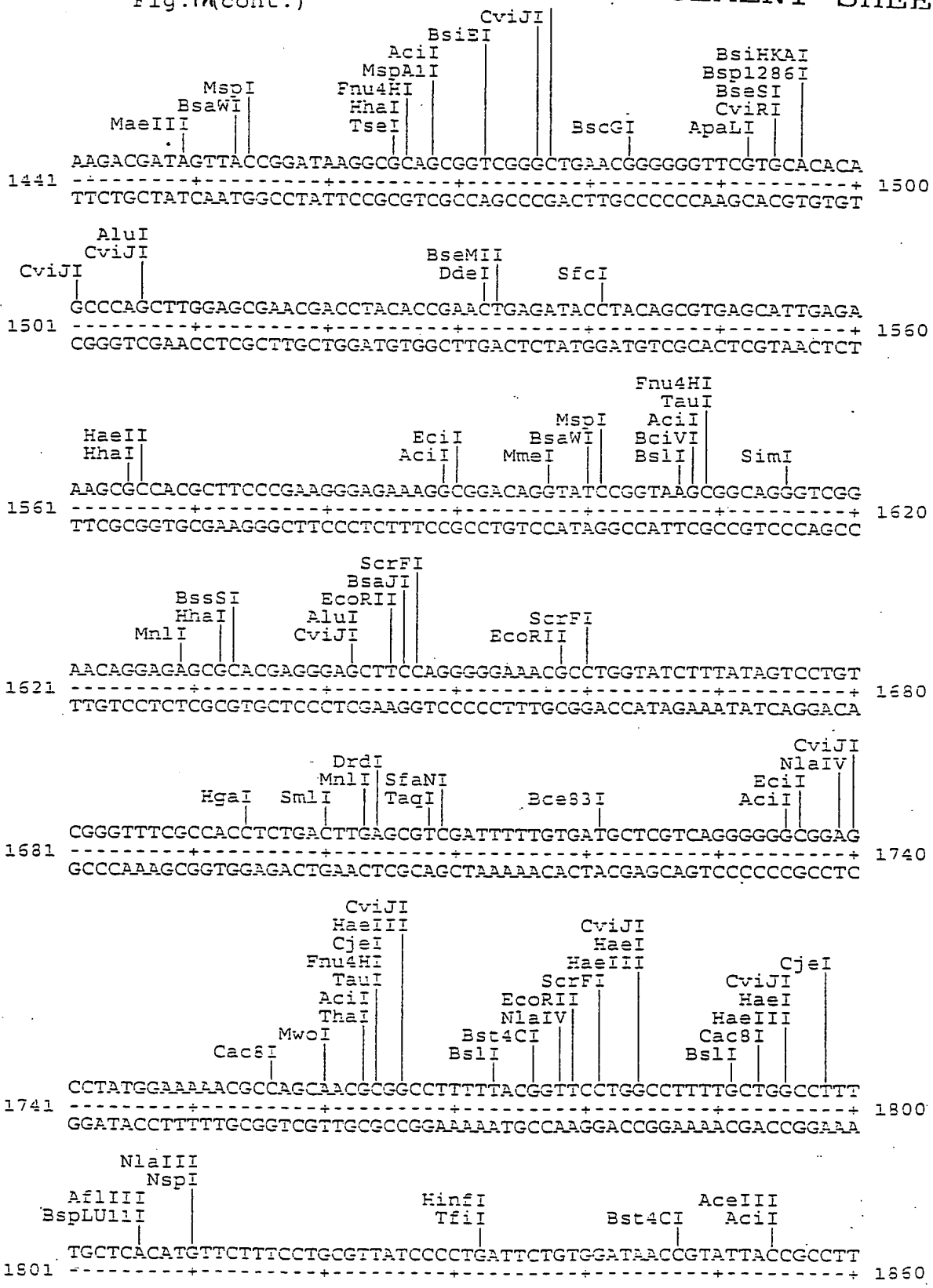

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Fig.1A(cont.)

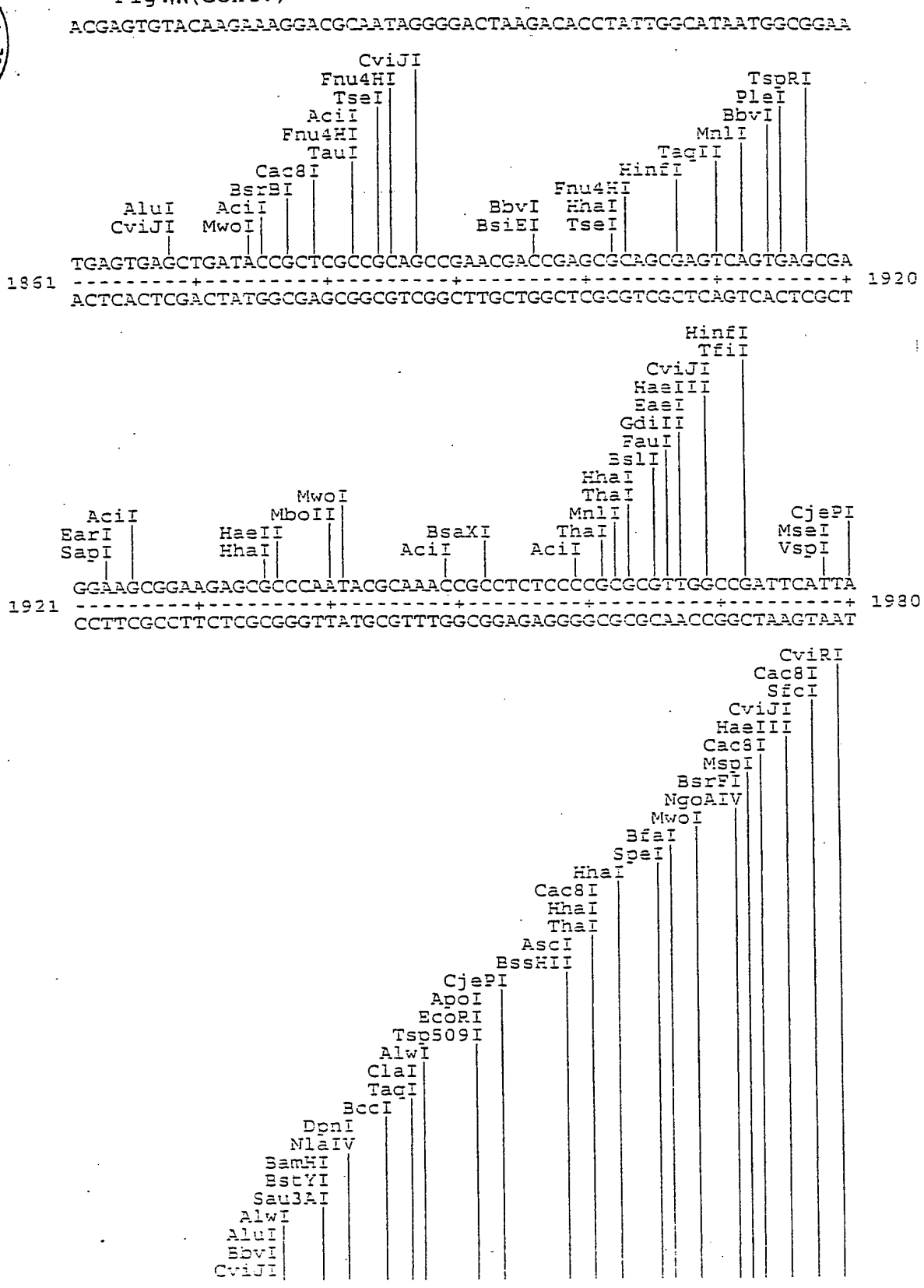

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Fig.1A(cont.)

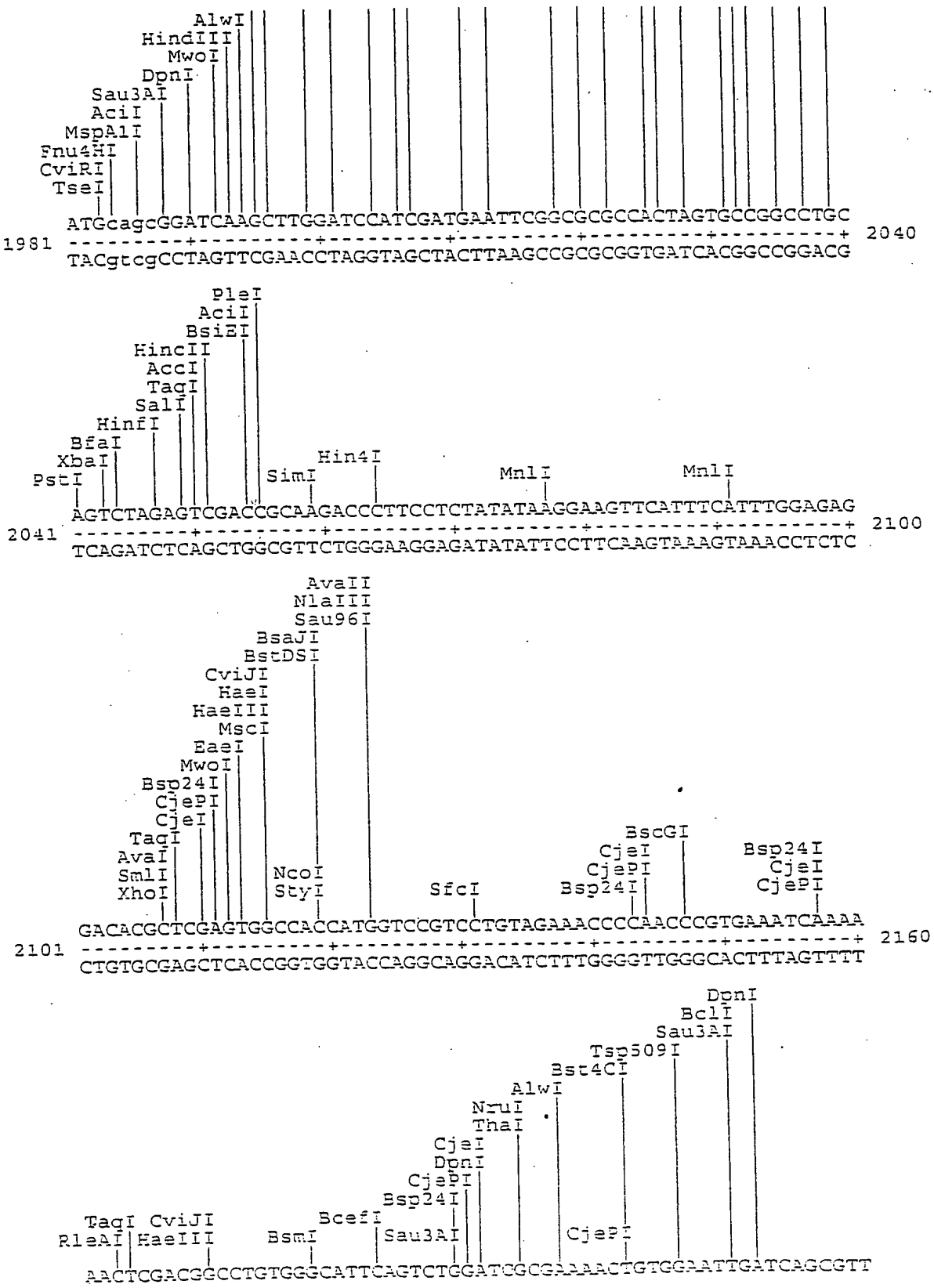

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Fig.1A(cont.)

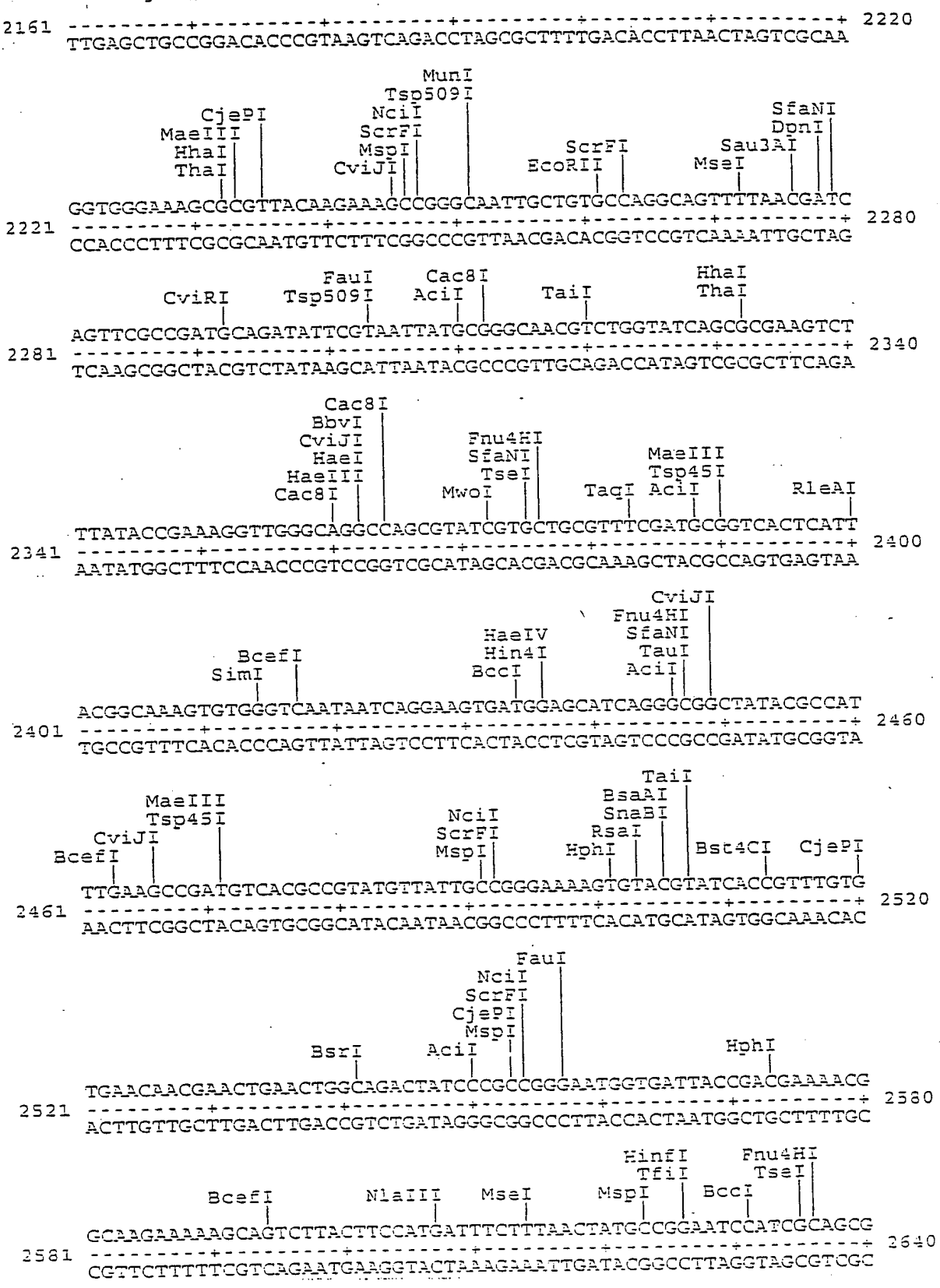

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Fig.1A(cont.)

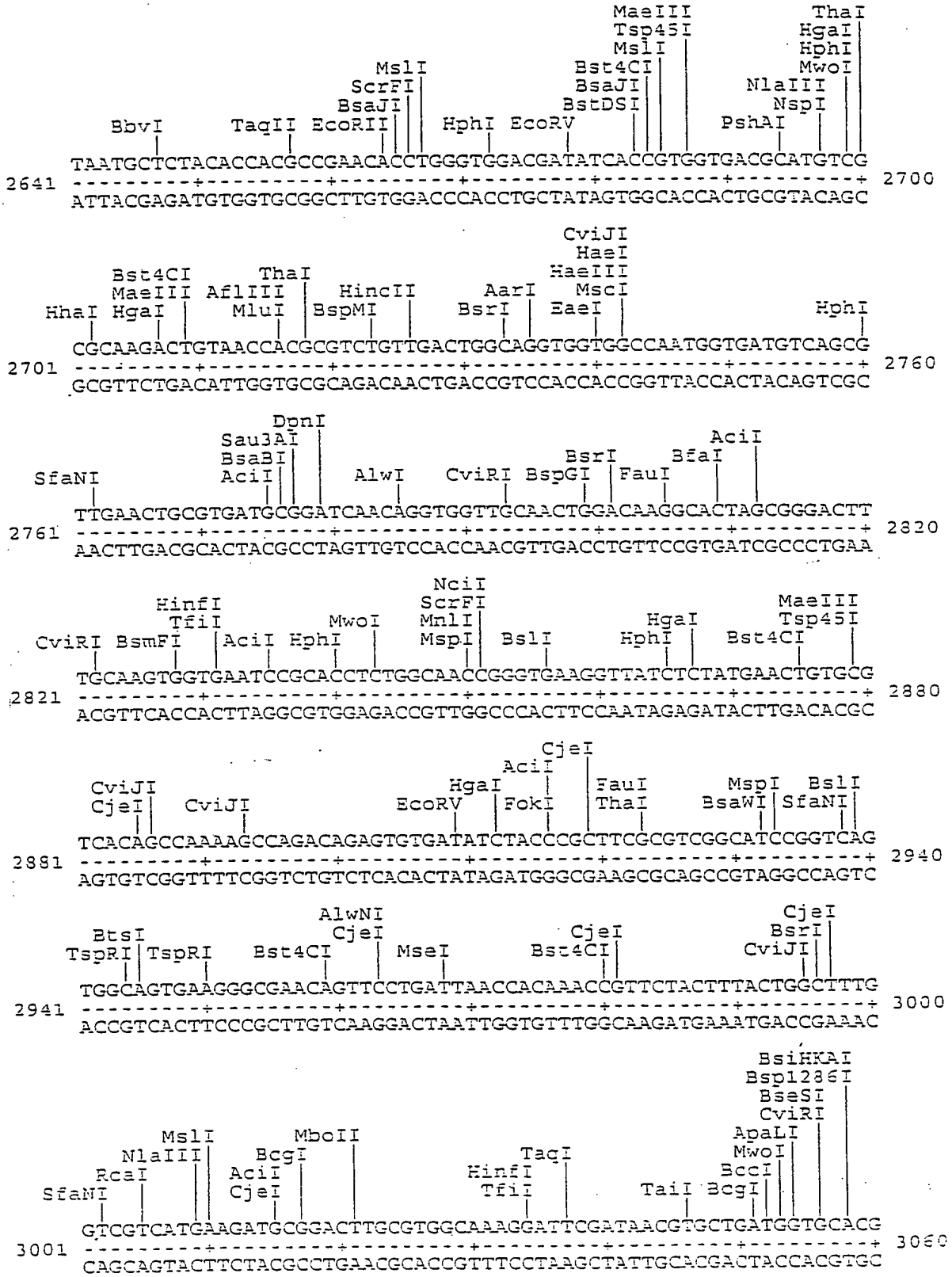

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Fig.1A(cont.)

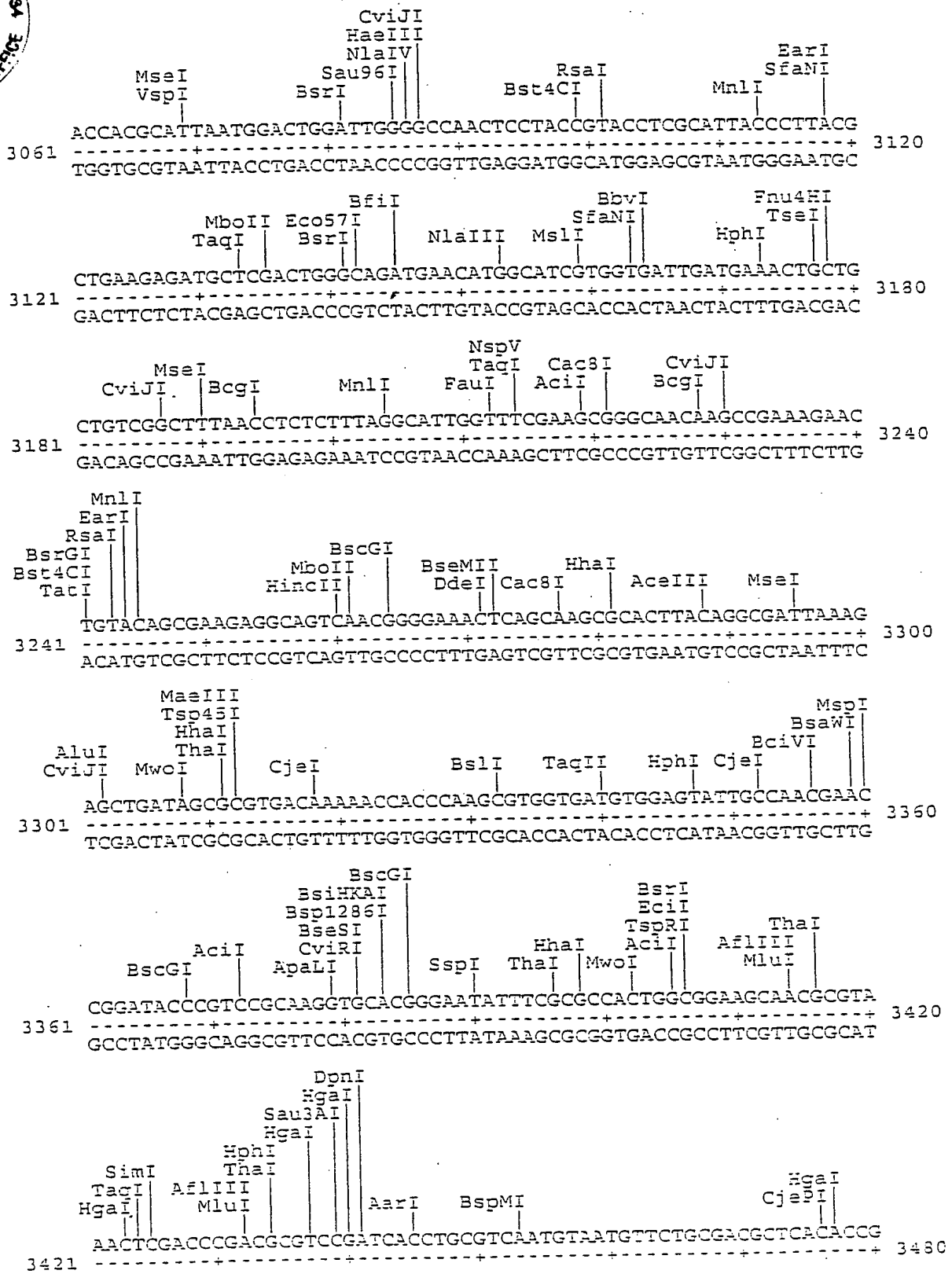

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Fig.1A(cont.)

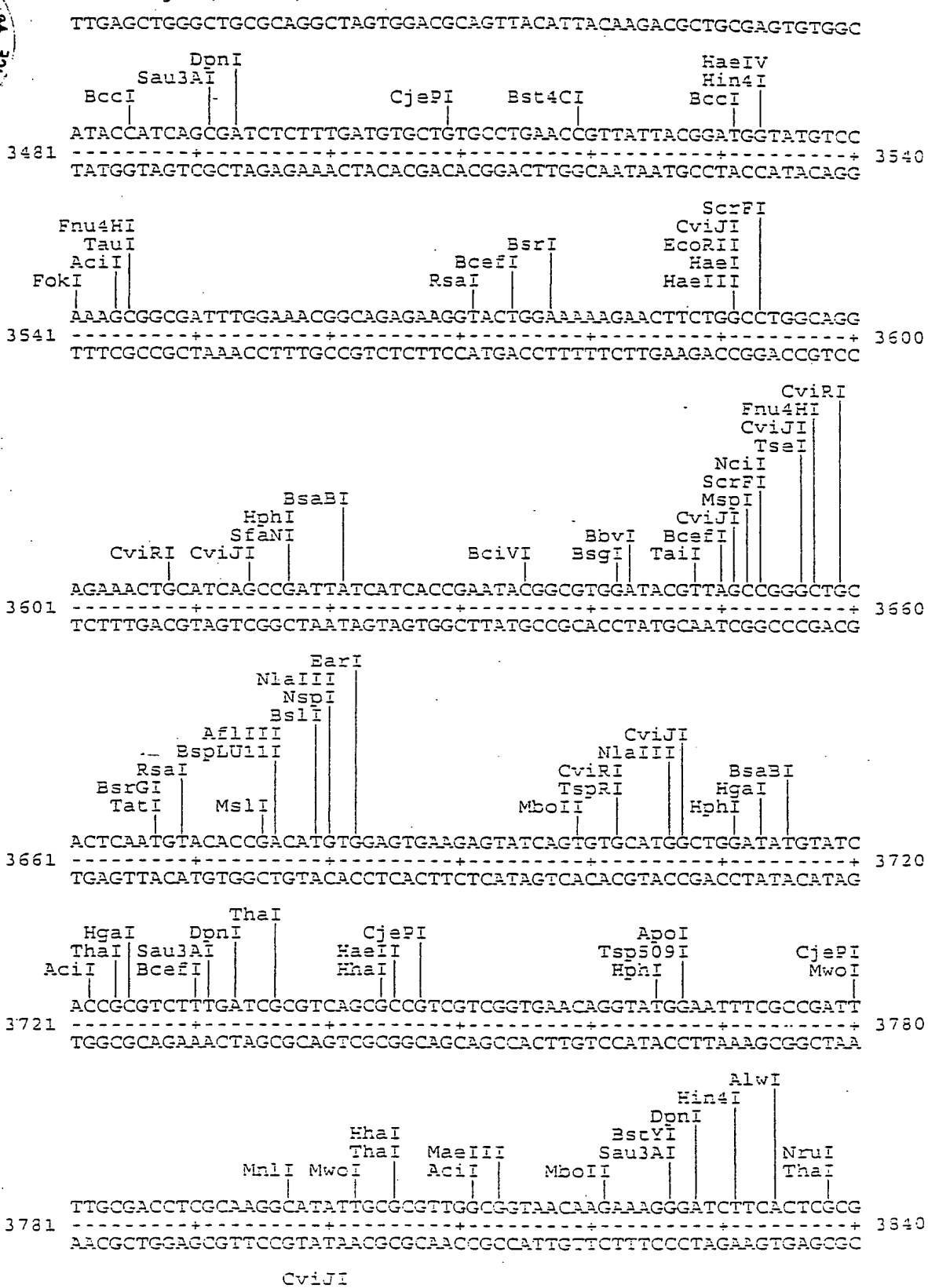

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Fig.1A(cont.)

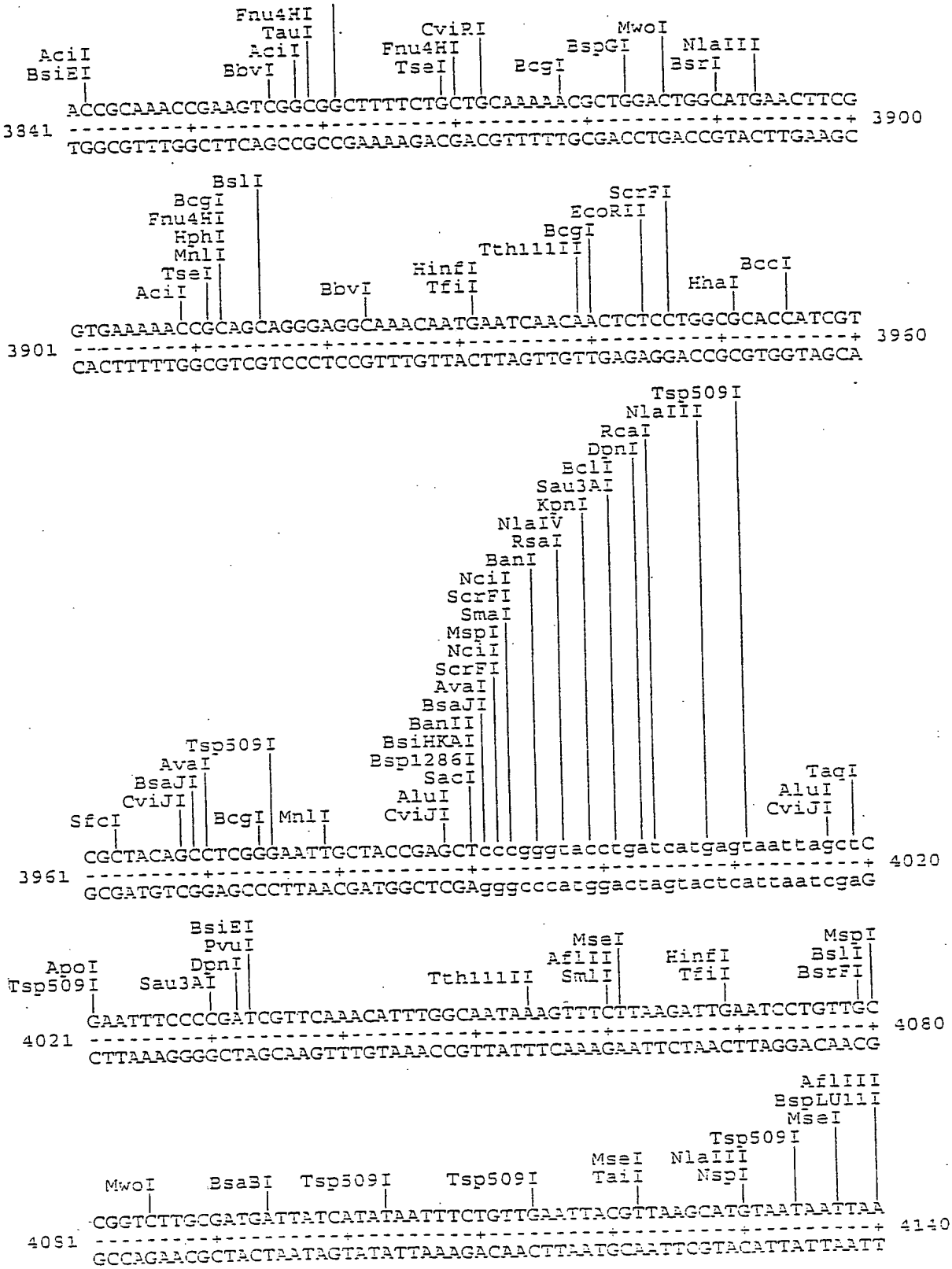

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Fig.1A(cont.)

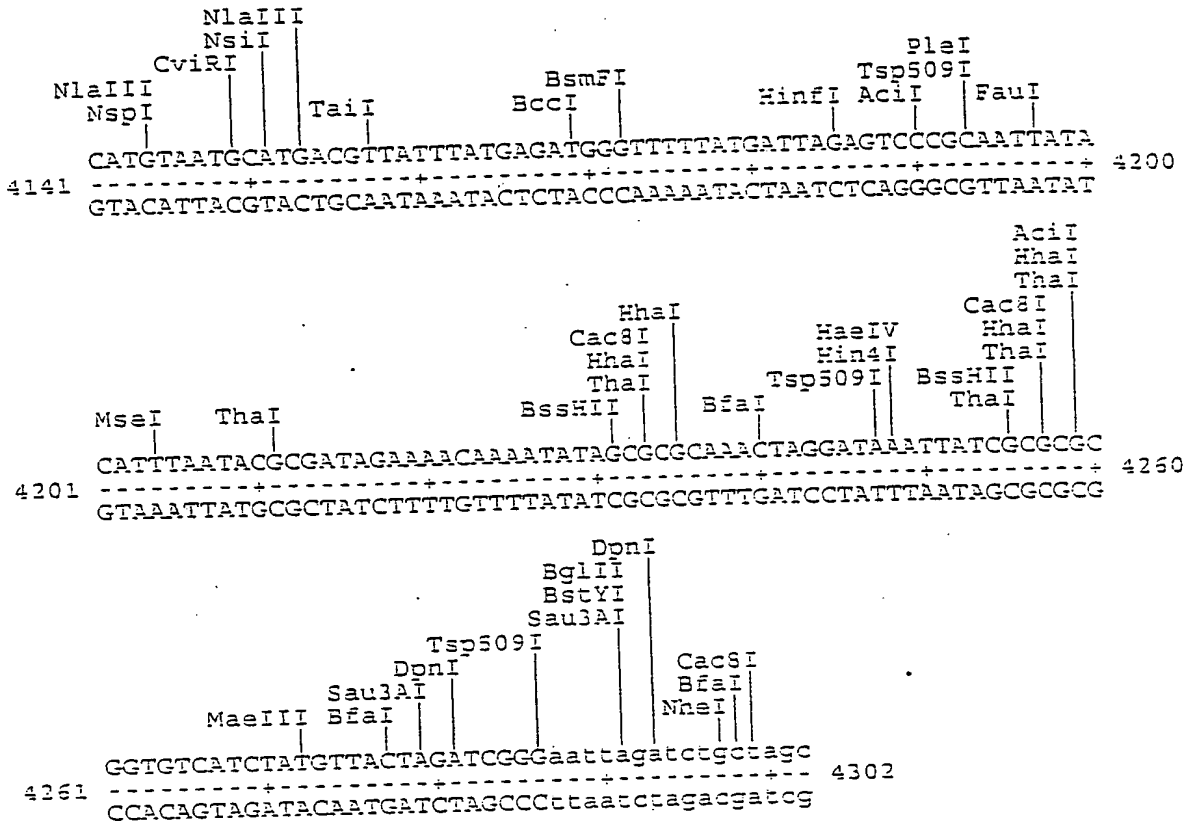

Fig. 1B

Enzymes that do cut:

AarI	AccI	AceIII	AciI	AclI	AflII	AflIII	AhdI
AluI	AlwI	AlwNI	ApaLI	ApoI	AscI	AvaI	AvaII
BamHI	BanI	BanII	BbvI	BccI	Bce83I	BcefI	BcgI
BciVI	BclI	BfaI	BfiI	BglI	BglII	BpmI	BsaI
BsaAI	BsaBI	BsaHI	BsaJI	BsaWI	BsaXI	BscGI	BseMII
BseSI	BsgI	BsiEI	BsiHKAI	BslI	BsmI	BsmAI	BsmFI
Bsp24I	Bsp1286I	BspGI	BspLU11I	BspMI	BsrI	BsrBI	BsrDI
BsrFI	BsrGI	BssHII	BssSI	Bst4CI	BstDSI	BstYI	BtsI
Cac8I	CjeI	CjePI	ClaI	CviJI	CviRI	DdeI	DpnI
DraI	DrdI	EaeI	EarI	EciI	Eco57I	EcoRI	EcoRII
EcoRV	FauI	Fnu4HI	FokI	FspI	GdiII	HaeI	HaeII
HaeIII	HaeIV	HgaI	HgiEII	HhaI	Hin4I	HincII	HindIII
HinfI	HphI	KpnI	MaeIII	MboII	MlsI	MmeI	MnlI
MscI	MseI	MslI	MspI	MspA1I	MunI	MwoI	NciI
NcoI	NgoAIV	NheI	NlaIII	NlaIV	NruI	NsiI	NspI
NspV	Pfl1108I	PleI	PshAI	PstI	PvuI	RcaI	RleAI
RsaI	SacI	SalI	SapI	Sau96I	Sau3AI	ScaI	ScrFI
SfaNI	SfcI	SimI	SmaI	SmlI	SnaBI	SpeI	SspI
StyI	TaiI	TaqI	TaqII	TatI	TauI	TfiI	ThaI
TsaI	Tsp45I	Tsp509I	TspRI	Tth111II	UbaLI	VspI	XbaI
XhoI	XmnI						

Enzymes that do not cut:

AatII	AloI	ApaI	AvrII	BaeI	BbsI	BbvCI	BmgI
BplI	Bpu10I	Bpu1102I	BsbI	BseRI	BsmBI	BspEI	BstAPI
BstEII	BstXI	BstZ17I	Bsu36I	DraIII	DrdII	BagI	Eco47III
EcoNI	Eco0109I	FseI	HpaI	NarI	NdeI	NotI	PacI
PflMI	PinAI	PmeI	PmlI	PspSII	PvuII	RsrII	SacII
SanDI	SbfI	SexAI	SfiI	SgfI	SgrAI	SphI	SrfI
Sse8647I	StuI	SunI	SwaI	Tth111I	XcmI		

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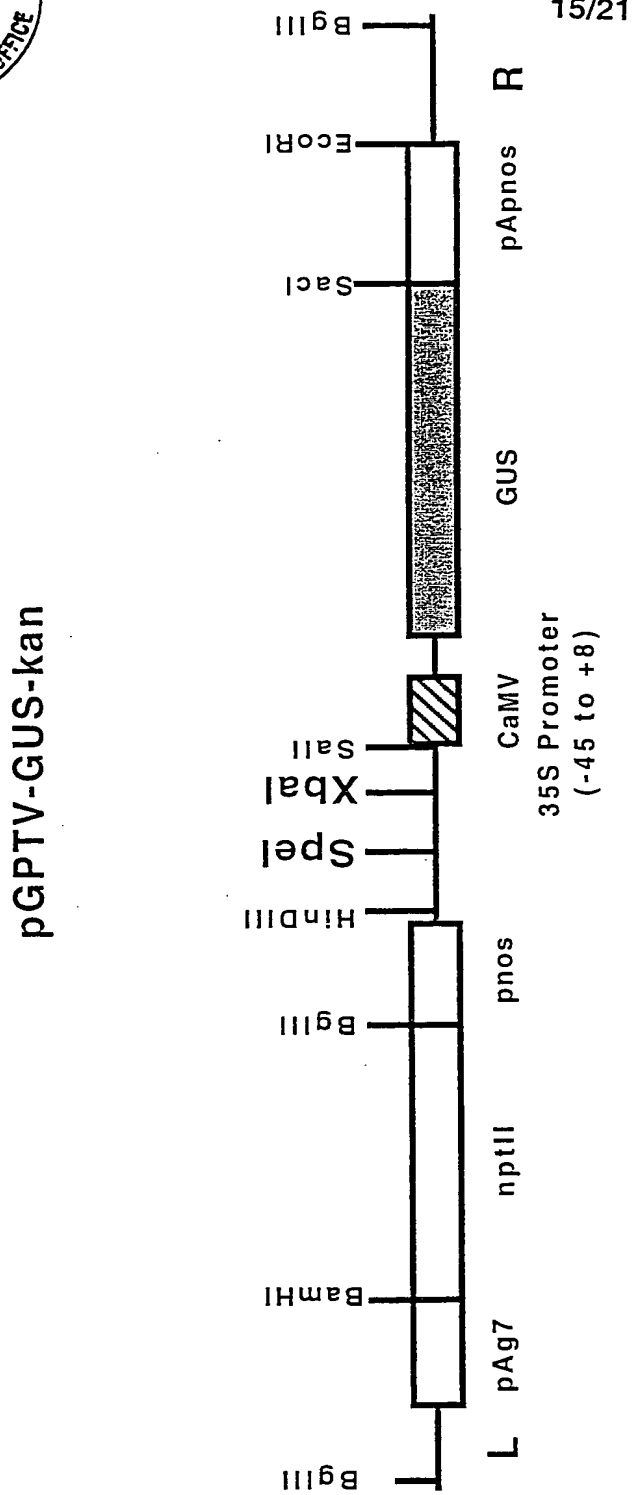
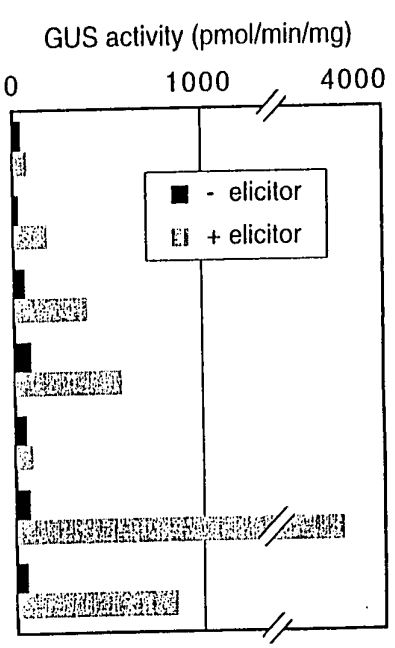


Fig. 3

Fig. 4

			construct	fold induction
SEQ ID NO: 27		AATTTGTTGACAGCCTTTTGGTCAAAGCACTGACTTGG	2s102	2 ±1
SEQ ID NO: 32		TCAATATGTCAATGGTCAACATTCAAC	B109	5 ±1
SEQ ID NO: 28		ØCAATATGTCAATGGTCAACATTCAAC	C109	7 ±2
SEQ ID NO: 29		TCAATØTGTCAATGGTCAACATTCAAC	17s102	6 ±3
SEQ ID NO: 30		TCAATATGTØAATGGTCAACATTCAAC	15s102	1 ±1
SEQ ID NO: 32	(dimer)	TCAATATGTCAATGGTCAACATTCAAC	A109	50 ±19
SEQ ID NO: 31	(reverse)	GTTGAATGTTGACCATTGACATATTGA	18s102	14 ±5



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